DERWENT-ACC-NO: 1993-339293

DERWENT-WEEK: 200236

TITLE: Prodn. of PVA type film useful for polarising film - from film of PVA type resin aq. soln. using film making device which has heat treatment means connected directly to drier

PATENT-ASSIGNEE: KURARAY CO LTD[KURS]

PRIORITY-DATA: 1992JP-0046541 (March 4, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 05245858 A	September 24, 1993	N/A	005	B29C 041/26
JP 3283564 B2	May 20, 2002	N/A	005	B29C 041/26

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 05245858A	N/A	1992JP-0046541	March 4, 1992
JP 3283564B2	N/A	1992JP-0046541	March 4, 1992
JP 3283564B2	Previous Publ.	JP 5245858	N/A

INT-CL (IPC): B29C041/26, B29C041/46 , B29C055/06 , B29K029:00 , B29L007:00 , C08J005/18

ABSTRACTED-PUB-NO: JP 05245858A

BASIC-ABSTRACT:

PVA is produced of PVA type resin aq. soln., using a film making machine which contains drier to dry one side contg. one rotary device, and heat treatment means connected directly to the drier. Film is transferred from the

drying
process to the heat treatment process when the water content reaches 2-15 wt.%.
Heat treatment is carried out at higher than the drying temp. Film has a prod.
T x W (deg. C %) of 1300 or higher where T = hot water cutting temp. (deg.
C), and W = weight swelling deg. (%).

USE/ADVANTAGE - Used a polarising films for use in lap-top personal computers,
word processors, liq. crystal colour projectors, motorcar navigation systems,
liq. crystal televisions, etc. Film has good polarisation characteristics and
service life.

In an example, pellets comprising a PVA with a polymerisation deg. of 1700 and
a saponification deg. of 99.9 mol.% 41 pts. wt., water 54 pts. wt., and
glycerine 5 pts. wt. are cast on a rotating, heating drum, then heat-treated.

TITLE-TERMS: PRODUCE PVA TYPE FILM USEFUL POLARISE FILM FILM PVA TYPE RESIN
AQUEOUS SOLUTION FILM DEVICE HEAT TREAT CONNECT DRY

DERWENT-CLASS: A32 A85 L03 T04 U14 W03 W04 X22

CPI-CODES: A10-E09B2; A11-A02A; A11-B02C; A11-B04C; A12-L03; A12-S06A;
L03-G02; L03-G05; L03-G05B;

EPI-CODES: T04-L09; U14-K01A1C; W03-A08B; W03-A08E; W04-Q01B; W04-Q01E; X22-E;
X22-E06;

ENHANCED-POLYMER-INDEXING:
Polymer Index [1.1]
017 ; P1707 P1694 ; M9999 M2313 ; S9999 S1547 S1536 ; S9999 S1285*R
Polymer Index [1.2]
017 ; ND01 ; ND07 ; N9999 N6940 N6939 ; Q9999 Q7283 ; Q9999 Q8322 Q8264 ; N9999 N6780*R N6655 ; B9999 B3383*R B3372 ; Q9999 Q9289 Q9212 ; Q9999 Q9234 Q9212 ; N9999 N6199 N6177

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:
Key Serials: 0229 0231 2006 2007 2008 2386 2413 2416 2513 2544 2569